# Original (for SUBMISSION) - printed on 13.11.2003 02:10:26 PM

0	For receiving Office use only	
0-1	International Application No.	·
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	DOT TROU II.
		PCT-EASY Version 2.92
0-5	Petition	(updated 01.07.2003)
	The undersigned requests that the	
	present international application be	
	processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the	Korean Intellectual Property Office
	applicant)	(RO/KR)
0-7	Applicant's or agent's file reference	OPP031014KR
ī	Title of invention	APPARATUS FOR ANALYZING THE PACKET DATA
	×	ON MOBILE COMMUNICATION NETWORK AND
		METHOD THEREOF
1) .	Applicant	
II-1	This person is:	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	KTFREETEL CO., LTD.
II-5	Address:	890-20
		Daechi-dong, Gangnam-gu
		135-280 Seoul
		Republic of Korea
II-6	State of nationality	KR
11-7	State of residence	KR
11-8	Telephone No.	+82-2-2016-1391
II-9	Facsimile No.	+82-2-2016-1555
III-1	Applicant and/or inventor	
HI-1-1	This person is:	applicant and inventor
III-1 <b>-</b> 2	Applicant for	US only
III-1- <b>4</b>	Name (LAST, First)	SEO, Kyoung-Il
III-1-5	Address:	103-303 Hansin apt.
		Ilwon-dong, Gangnam-gu
		135-230 Seoul
		Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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	TA 4	
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
111-2-2	Applicant for	US only
111-2-4	Name (LAST, First)	KIM, Yong-Beom
III-2-5	Address:	310-1103 Huindolmaeul apt.
	·	1349 Baekseok-dong, Ilsan-gu
		411-724 Goyang-city, Gyeonggi-do
		Republic of Korea
III-2-6	State of nationality	KR · ·
. 111-2-7	State of residence	KR
111-3	Applicant and/or inventor	
111-3-1	This person is:	applicant and inventor
111-3-2	Applicant for	US only
111-3-4	Name (LAST, First)	KIM, Sung-Chul
III-3-5	Address:	712-604 Gangchonmaeul Sungkyong apt.
		796 Madu-dong, Ilsan-gu
	,	411-717 Goyang-city, Gyeonggi-do
		Republic of Korea
111-3-6	State of nationality	KR
111-3-7	State of residence	KR
111-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-1 III-4-2	This person is: Applicant for	applicant and inventor US only
	•	US only
111-4-2	Applicant for	US only LEE, Soo-Kil
-4-2    -4-4	Applicant for Name (LAST, First)	US only
-4-2    -4-4	Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong
-4-2    -4-4	Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt.
-4-2    -4-4	Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do
-4-2    -4-4    -4-5	Applicant for Name (LAST, First) Address:	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea
-4-2    -4-4    -4-5	Applicant for Name (LAST, First) Address: State of nationality	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR
-4-2    -4-4    -4-5	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is:	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR
-4-2    -4-4    -4-5	Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR
-4-2    -4-4    -4-5	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is:	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR US only
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  upplicant and inventor US only LEE, Seung-Chul
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1	Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  applicant and inventor US only LEE, Seung-Chul 403-1004 Neutimaeul apt.
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1	Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  US  Applicant and inventor US only LEE, Seung-Chul 403-1004 Neutimaeul apt. Jeongja-dong, Bundang-gu
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1	Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  applicant and inventor US only LEE, Seung-Chul 403-1004 Neutimaeul apt.
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1	Applicant for Name (LAST, First) Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  KR  applicant and inventor US only LEE, Seung-Chul 403-1004 Neutimaeul apt. Jeongja-dong, Bundang-gu 463-010 Seongnam-city, Gyeonggi-do
-4-2    -4-4    -4-5    -4-6    -4-7    -5-1    -5-1    -5-2    -5-4    -5-5	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) Address:	US only LEE, Soo-Kil 711-304 Jukong apt. 233 Cheolsan-dong 423-735 Gwangmyeong-city, Gyeonggi-do Republic of Korea KR KR  Applicant and inventor US only LEE, Seung-Chul 403-1004 Neutimaeul apt. Jeongja-dong, Bundang-gu 463-010 Seongnam-city, Gyeonggi-do Republic of Korea

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his person is:  pplicant for  ame (LAST, First)  ddress:  tate of nationality tate of residence  gent or common representative; or ddress for correspondence ne person identified below is	applicant and inventor US only KIM, Kyoung-Sool 104-501 Boramaeparkvill apt. Sindaebang 2-dong, Dongjak-gu 156-012 Seoul Republic of Korea KR
ame (LAST, First) ddress: tate of nationality tate of residence gent or common representative; or	US only KIM, Kyoung-Sool 104-501 Boramaeparkvill apt. Sindaebang 2-dong, Dongjak-gu 156-012 Seoul Republic of Korea KR
tate of nationality tate of residence gent or common representative; or	104-501 Boramaeparkvill apt. Sindaebang 2-dong, Dongjak-gu 156-012 Seoul Republic of Korea KR
tate of nationality tate of residence gent or common representative; or ddress for correspondence	104-501 Boramaeparkvill apt. Sindaebang 2-dong, Dongjak-gu 156-012 Seoul Republic of Korea KR
tate of residence gent or common representative; or ddress for correspondence	Sindaebang 2-dong, Dongjak-gu 156-012 Seoul Republic of Korea KR
tate of residence gent or common representative; or ddress for correspondence	156-012 Seoul Republic of Korea KR
tate of residence gent or common representative; or ddress for correspondence	KR
tate of residence gent or common representative; or ddress for correspondence	1000
gent or common representative; or ddress for correspondence	KR
dress for correspondence	
preby/has been appointed to act on chalf of the applicant(s) before the competent International Authorities as:	agent
ame	YOU ME PATENT & LAW FIRM
ddress:	Teheran Bldg., 825-33
	Yoksam-dong, Kangnam-ku
	135-080 Seoul
	Republic of Korea
elephone No.	+82-2-3458-0700
acsimile No.	+82-2-553-5254
mail	email@youme.com
esignation of States	
egional Patent ther kinds of protection or treatment, any, are specified between urentheses after the designation(s) uncerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is



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	T													_
V-2	National Patent (other kinds of protection or treatment.			AL										
	if any, are specified between			&LI									DZ	EC
	parentheses after the designation(s) concerned)	EE	EG	ES	FI	GB	GD	GE	GH	GM	HR	HU	ID	IL
	Concerned	IN	IS	JP	KE	KG	KP	KZ	LC	LK	LR	LS	LT	LU
	·	LV	MA	MD	MG	MK	MN	MW	MX	MZ	NI	NO	NZ	OM
		PG	PH	$\mathtt{PL}$	PT	RO	RU	SC	SD	SE	SG	SK	SL	SY
		TJ	TM	TN	TR	TT	TZ	UA	ŪĞ	US	UZ	VC	VN	YU
			ZM	ZW										
V-5	Precautionary Designation Statement		-											71
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.													
V-6	Exclusion(s) from precautionary designations	NON	1E											
VI-1	Priority claim of earlier national	<u> </u>						· <u> </u>						
VI-1-1	application Filing date			_										
VI-1-1 VI-1-2	Number			<b>remb</b>				(13	.11.	200	)2)			
	·		-200	)2-0	070	357	,							
VI-1-3	Country	KR												
VI-2	Priority claim of earlier national application													
VI-2-1	Filing date	13	Nov	remb	er	200	2 (	(13.	.11	200	121			
VI-2-2	Number			2-0				,			-,			
VI-2-3	Country	KR		_										*
VI-3	Priority claim of earlier national													
VI-3-1	application Filing date	12	NT			202		110	4 4	000				•
VI-3-2	Number			remb				LJ.	II.	200	12)			
VI-3-3	Country	'	200	2-0	070	359	,							
VII-1		KR												
A11-1	International Searching Authority Chosen			In (I			tua	al E	, rot	ert	y C	ffi	.ce	,

## **PCT REQUEST**

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VIII	Declarations	T Number of dealers in a	
VIII-1	Declaration as to the identity of the	Number of declarations	
	inventor	<u> </u>	
VIII-2	Declaration as to the applicant's	-	
•	entitlement, as at the international filing	1	
	date, to apply for and be granted a	1	
VIII-3	patent		
VIII-3	Declaration as to the applicant's entitlement, as at the international filing	-	1
	date, to claim the priority of the earlier		
	application		
VIII-4	Declaration of inventorship (only for the		
	purposes of the designation of the	-	
•	United States of America)		{
VIII-5	Declaration as to non-prejudicial	-	
	disclosures or exceptions to lack of		
	novelty		
IX ·	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	
IX-2	Description	36	-
IX-3	Claims	19	.  -
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	12	-
IX-7	TOTAL	74	
•	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	· ·	-
IX-11	Copy of general power of attorney	. 🗸	-
IX-17	PCT-EASY diskette	<b> -</b>	Diskette
IX-19	Figure of the drawings which should	4	
• •	accompany the abstract	<u> </u>	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or		
	common representative		
	I		
X-1-1	Name	YOU ME PATENT & LA	
X-1-2	Name of signatory	KIM, Won-Ho	
X-1-3	Capacity	Representative	

# FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR

6/6

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10-6 Transmittal of search copy delayed until search fee is paid

FOR INTERNATIONAL BUREAU USE ONLY

11-1 Date of receipt of the record copy by the International Bureau

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PCT (ANNEX - FEE CALCULATION SHEET)
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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	I	<del></del>	
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
U-2	Date stamp of the receiving Office		•	
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet			
0-4-1	Prepared using	PCT-EASY Vers	ion 2.92	
		(updated 01.0	7.2003)	•
0-9	Applicant's or agent's file reference	OPP031014KR		
2	Applicant	KTFREETEL CO.	, LTD., et al.	
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (KRW)	
12-1	Transmittal fee	₽	45,000	
12-2-1	Search fee		150,000	
12-2-2	International search to be carried out by	KR .		
12-3	International fee			
	Basic fee			
	(first 30 sheets) b*	530,000		
12-4	Remaining sheets	44		
12-5	Additional amount (X	12,000		
12-6	Total additional amount b2	528,000	·	
12-7	b1 + b2 = E			
12-8	Designation fees			
	Number of designations contained in international application	97		
12-9	Number of designation fees payable (maximum 5)	5		
12-10	Amount of designation fee (X)	114,000		
12-11	Total designation fees D	570,000		
12-12	PCT-EASY fee reduction R			
12-13	Total International fee (B+D-R)	⇒	1,465,000	
12-17	TOTAL FEES PAYABLE (T+S+I+P)	. 🖒	1,660,000	
12-19	Mode of payment	cash		······································
	<u> </u>			

### VALIDATION LOG AND REMARKS

13-2-1	Validation messages Request	Green? A translation of the international application into English will have to be prepared under the responsibility of the ISA selected.
		Green?  Please note that the entire request (including the title of invention) must be in English

PCT (ANNEX - FEE CALCULATION SHEET)
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OPP031014KR

13-2-2	1	Green?
	States	More designations could be made. The
		following States have not been
		designated: KR. Please verify.
13-2-7	Validation messages	Green?
	Contents	The abstract appears to be more than 150
		words, applicant is reminded that it
		should be as concise as the disclosure
		permits (preferably 50 to 150 words if
		it is in English or when translated into
		English)
	*	Green?
		Priority 1. The priority document is not
		enclosed. (The applicant must furnish it
	1	within 16 months from the earliest
		priority date claimed)
		Green?
		Priority 2. The priority document is not
		enclosed. (The applicant must furnish it
		within 16 months from the earliest
		priority date claimed)
•		Green?
		Priority 3. The priority document is not
		enclosed. (The applicant must furnish it
	·	within 16 months from the earliest
		priority date claimed)
	:	Green?
		Reference number for attached copy of
		general power of attorney not indicated.
13-2-1 1	Validation messages For receiving Office/International	Green?
•	Bureau use only	Verify electronic data for consistency
		against printed form.